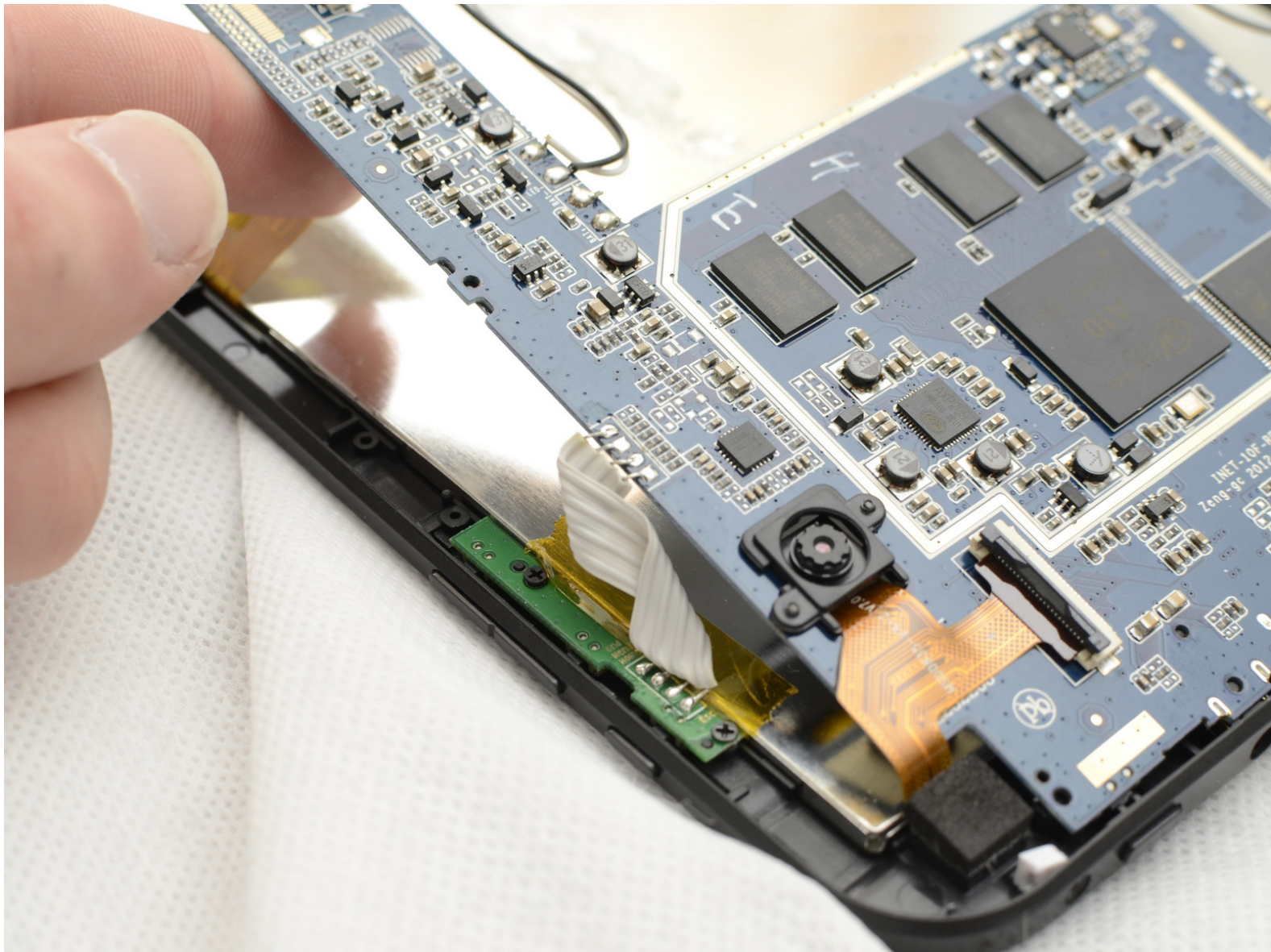




Envizen V100M Rear Facing Camera Replacement

This guide will show the steps needed to replace the rear facing camera, on the Envizen V100M.

Written By: nbach

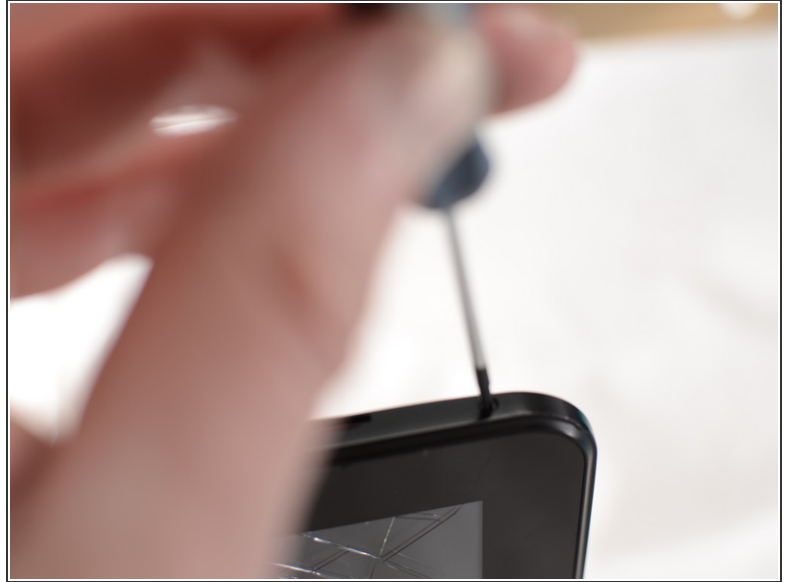




TOOLS:

- [iFixit Opening Tools](#) (1)
 - [26 Bit Driver Kit](#) (1)
 - [Soldering Station](#) (1)
 - [Spudger](#) (1)
 - [Anti-Static Wrist Strap](#) (1)
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Step 1 — Back Cover



- Remove the two screws on the side of the tablet that hold the back cover in place using the ifixit PH00 screwdriver.
- The screws for the back cover are: 1.5mm diameter x 3.5mm long

⚠ When doing any work on electronic devices, always use an anti-static wrist strap!

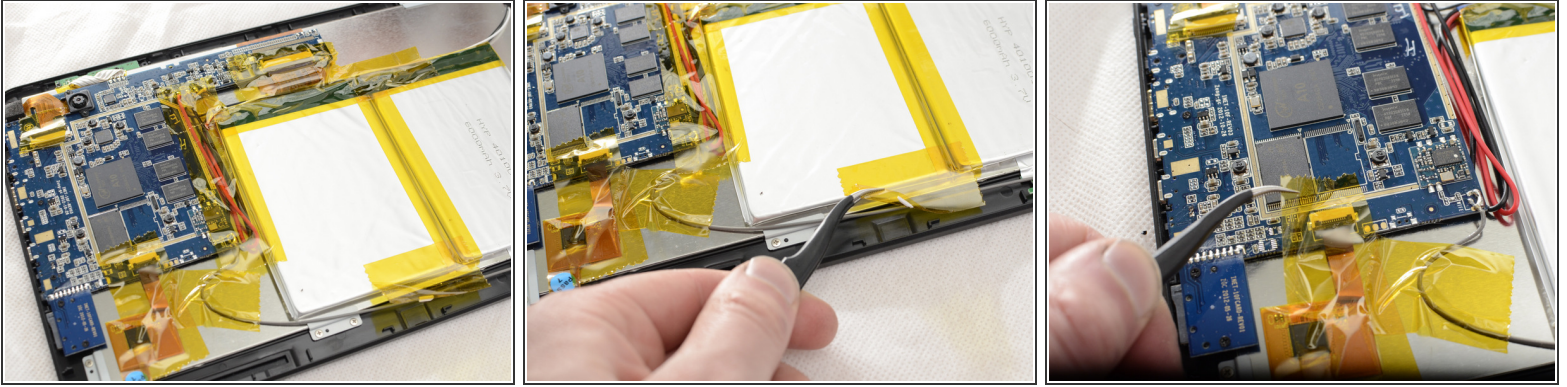
Step 2



- With the ifixit prying tool separate the back cover from the rest of the device.

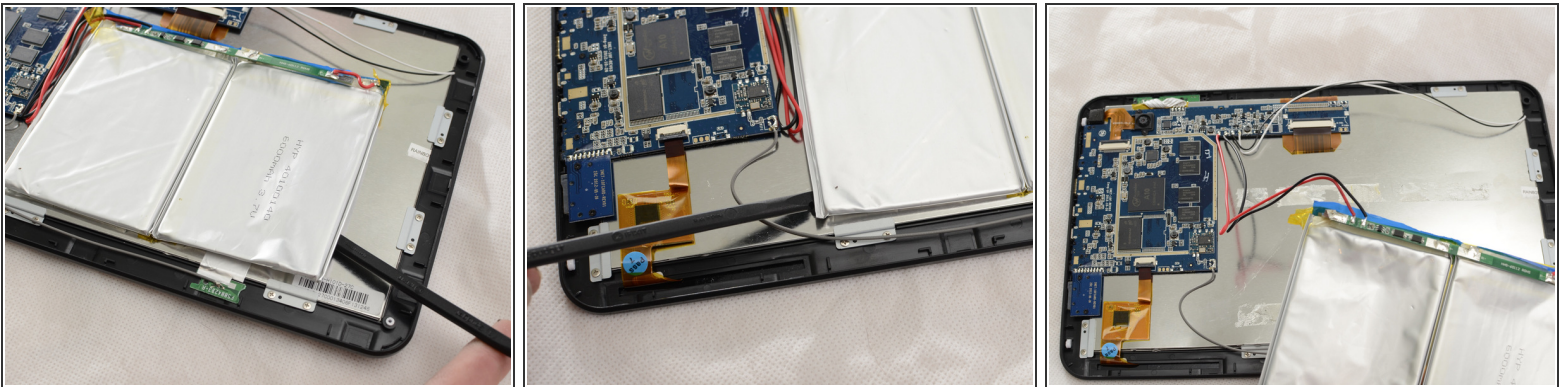
⚠ The speakers are attached to the back cover and motherboard assembly so remove carefully.

Step 3 — Battery



- Remove the non-conductive tape that is on the battery and motherboard assembly.

Step 4

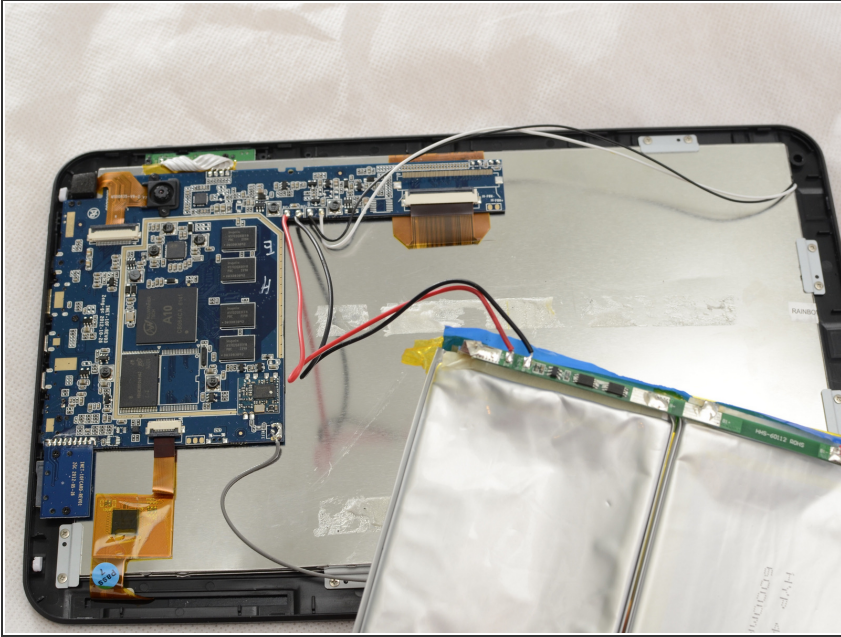


- Slide the ifixit spudger under the battery.
- Pry the battery up, and work your way down the side of the battery, releasing it from the adhesive holding it down.

⚠ Be careful not to deform or puncture the battery when prying it out, as it could cause a fire.

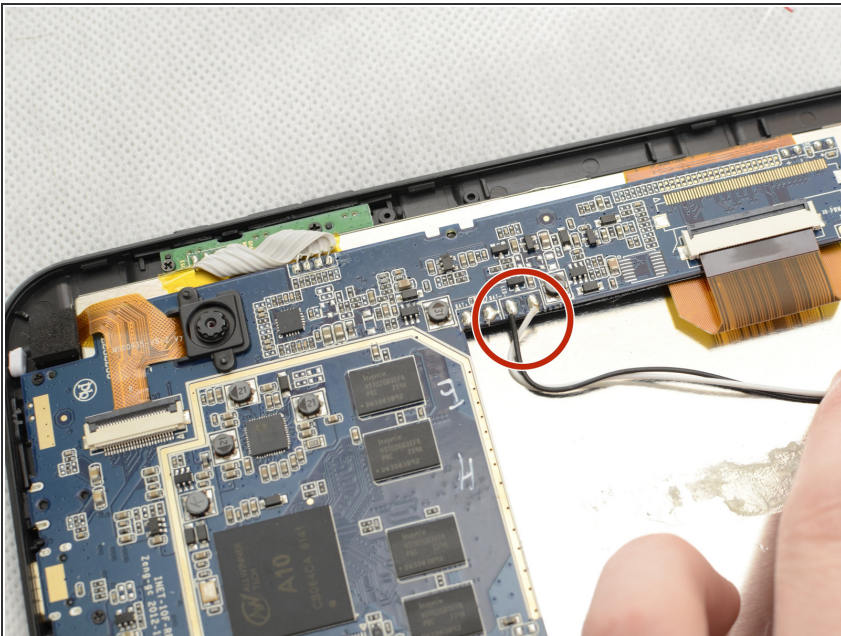
- Carefully pull the battery out of the Envizen V100M.

Step 5



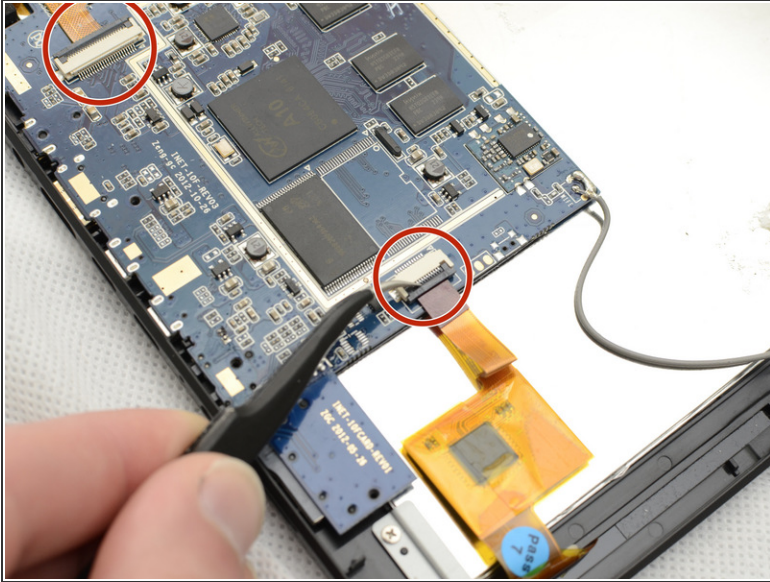
- Remove the solder from the wires connecting the battery to the motherboard [here is a guide on how to solder.](#)
- Remove the soldered wires with the tweezers. If this does not work you are going to have to heat up the solder in order to remove the wires

Step 6



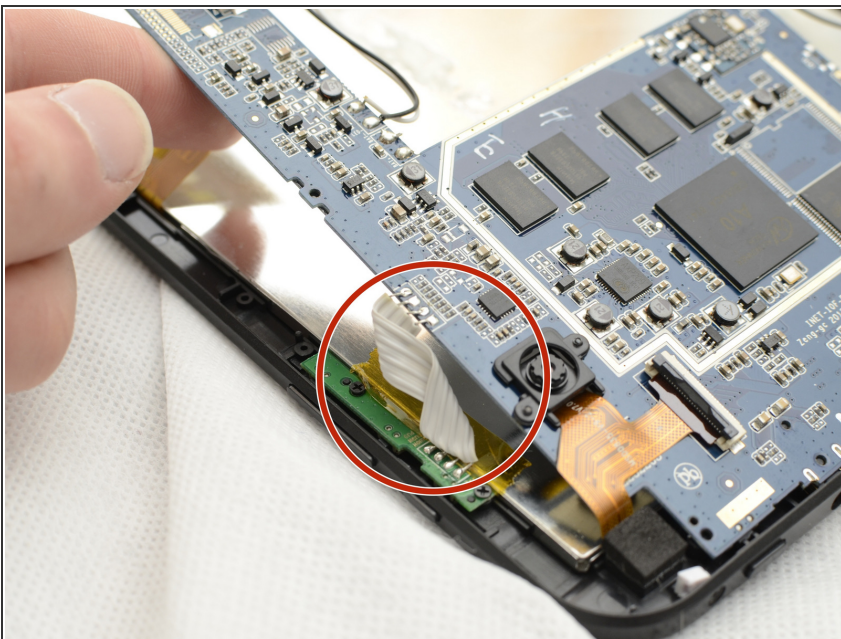
- Remove the power to the LCD screen. This is a matter of removing the grey wire and white wires that are soldered to the motherboard.
- ⚠ Note the orientation of the grey wire and white wire. The location of each wire is VERY important.

Step 7 — Rear Facing Camera



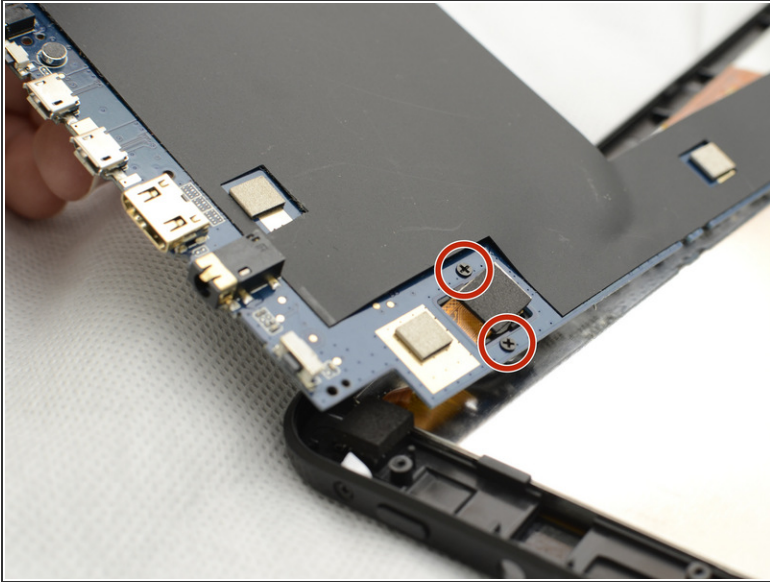
- Remove the three ribbon cables from their couplings
- Using the prying tool gently push the bracket up, allowing for the cable to right out.

Step 8



- Remove the solder holding the white ribbon cable in place, [here is a guide on how to solder.](#)
 - Then flip the motherboard over to access the screws for the rear facing camera.
- ⚠ Be very careful that you do not tear the wires for the camera. gently flip the motherboard making sure to not stress out the wires.

Step 9



- Unscrew the camera from the back of the motherboard using the ifixt PH00 screwdriver.
- Gently push on the black plastic bracket holding the camera in place. The bracket should pop right out.
- The camera is then free from the motherboard assembly and can be replaced.
- The screws for mounting bracket are also 1.5mm diameter and 3.5mm long.

To reassemble your device, follow these instructions in reverse order.

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